

**A STUDY ON THE EFFECT OF METACOGNITIVE
INSTRUCTIONAL STRATEGIES IN PROMOTING PROBLEM-
SOLVING SKILLS AMONG SECONDARY STAGE STUDENTS**

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DECLARATION

I hereby declare that the dissertation entitled **A STUDY ON THE EFFECT OF METACOGNITIVE INSTRUCTIONAL STRATEGIES IN PROMOTING PROBLEM-SOLVING SKILLS AMONG SECONDARY STAGE STUDENTS** has been carried out by me during the academic year 2023-2025 in partial fulfilment of the requirements for the award of the Two-Year Degree of Master of Education (M.Ed.) from Barkatullah University, Bhopal, Madhya Pradesh.

The study has been conducted under the guidance and supervision of **Dr. Manju**, Associate Professor, Department of Education, Regional Institute of Education, Bhopal, Madhya Pradesh.

It is also declared that the research work done by me is original to the best of my knowledge. This dissertation has not been submitted by me for award of any other degree or diploma in Barkatullah University, Bhopal or any other University.

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CERTIFICATE

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This is further certified that the dissertation in its present form is fit for submission to Barkatullah University for the award of the degree of Two-year M.Ed. program.

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LIST OF ABBREVIATIONS

MAI	Metacognitive Awareness Inventory
CBSE	Central Board of Secondary Education
DMS	Demonstration Multipurpose School
NEP 2020	National Education Policy 2020
NCF 2005	National Curriculum Framework 2005
NCERT	National Council of Educational Research and Training
OECD	Organisation for Economic Co-operation and Development
UNESCO	United Nations Educational Scientific and Cultural Organization
SDG	Sustainable Developmental Goals
SDG 4.7	A Sub-goal of SDG 4 focusing on Education for Sustainable Development, Global Citizenship and Cultural Diversity
ATP	Adenosine Triphosphate
DNA	Deoxyribonucleic Acid
RNA	Ribonucleic Acid
KWL	Know–Want–Learn (strategy)